

Amendments to the Specification

Please amend paragraph [0008] of the specification as follows:

"Cable Modem System and Method for Supporting Extended Protocols," U.S. Patent Serial No. ~~TBD (Attorney Docket No. 1875.0650001)~~ 09/973,875, by Bunn *et al.*, filed concurrently herewith and incorporated by reference herein in its entirety.

Please amend paragraph [0009] of the specification as follows:

"Cable Modem System and Method for Dynamically Mixing Protocol Specific Header Suppression Techniques," U.S. Patent Serial No. ~~TBD (Attorney Docket No. 1875.0660001)~~ 09/973,781, by Bunn *et al.*, filed concurrently herewith and incorporated by reference herein in its entirety.

Please amend paragraph [0010] of the specification as follows:

"Dynamic Delta Encoding for Cable Modem Header Suppression," U.S. Patent Serial No. ~~TBD (Attorney Docket No. 1875.0640001)~~ 09/973,871, by Bunn *et al.*, filed concurrently herewith and incorporated by reference herein in its entirety.

Please amend paragraph [0011] of the specification as follows:

"Cable Modem System and Method for Supporting Packet PDU Data Compression," U.S. Patent Serial No. ~~TBD (Attorney Docket No. 1875.0680002)~~ 09/973,783, by Bunn *et al.*, filed concurrently herewith and incorporated by reference herein in its entirety.

Please amend paragraph [0048] of the specification as follows:

FIGS. 22A and B are [is] a flow diagram illustrating a method for TCP header reconstruction according to an embodiment of the present invention.

Please amend paragraph [0240] of the specification as follows:

FIGS. 22A and B are [is] a flow diagram 2200 illustrating a method for TCP header reconstruction. The invention is not limited to the description provided herein with respect to flow diagram 2200. Rather, it will be apparent to persons skilled in the relevant art(s) after reading the teachings provided herein that other functional flow diagrams are within the scope of the present invention. A 54-byte template header is generated by the DOCSIS payload header recognition engine (not shown) prior to the start of flow diagram 2200. The process begins with step 2202 in FIG. 22A, where a TCP header reconstructor is started. The process then proceeds to step 2204.

Please amend paragraph [0246] of the specification as follows:

In step 2214, the correct 54-byte header, transmitted from CM 108, is read from the input stream. The process then proceeds to step 2216 in FIG. 22B.

Please amend paragraph [0248] of the specification as follows:

Returning to decision step 2208 in FIG. 22A, if L bit 170 of change byte 1700 is not set, then the process proceeds to decision step 2220.

Please amend paragraph [0268] of the specification as follows:

In step 2250, the next 2-bytes of data from the input stream are copied into TCP checksum field 1456 at offset 50. The process then proceeds to decision step 2252 in FIG. 22B.